



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

4-6-92

BRUCE KING
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

NAI-3109

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC _____
DHC _____
NSL X _____
NSP _____
SWD _____
WFX _____
PMX _____

#125-P 25-16-36
★ #127-C 31-16-37
#129-L 36-16-36
★ #130-J 31-16-37
#131-M 36-16-36
#133-M 36-16-36
#135-B 6-17-37
★ #136-E 1-17-36
#139-F 1-17-36

Gentlemen:

I have examined the application for the:

Greenhill Petroleum Corp. Lovington Paddock Unit
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

#142-F 6-17-37
★ #143-G 6-17-37
★ #148-L 6-17-37

Yours very truly,

Jerry Sexton
Jerry Sexton
Supervisor, District 1

/ed

★ Indicates need for notification of offset operators



GREENHILL PETROLEUM CORPORATION

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HOUSTON, TEXAS 77077-6841
TELEPHONE (713) 589-8484
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Incorporated in Delaware, U.S.A.

March 24, 1992

Oil Conservation Division
State of New Mexico
Energy, Minerals and Natural Resources Department
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

Attention: Mr. Mike Stogner

RE: Unorthodox Location and Drilling Permit
Proposed Well Number 139
Lovington Paddock Unit
Lea County, New Mexico

Dear Mr. Stogner:

Greenhill Petroleum Corporation respectfully requests the State of New Mexico Oil Conservation Division grant approval of the proposed unorthodox location and the attached permit to drill Well Number 139 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock Unit is presently developed and being waterflooded utilizing a forty (40) acre well density. It is believed that infill development using a twenty (20) acre well density will improve waterflood sweep efficiency and will increase secondary oil recovery. The proposed location for Well Number 139 is located in the interior of the unit and is not competitive with offset wells outside the unit. Information gathered as a result of drilling this infill well will be utilized in evaluating additional infill development potential in the unit and ultimately may be used to evaluate the feasibility of tertiary recovery.

Greenhill Petroleum Corporation wishes to commence drilling operations on the proposed well as soon as possible and would appreciate a response to this request at your earliest convenience.

Respectfully yours,

Michael J. Newport
Land Manager - Permian Basin

MJN:sjs
92.204
Enclosures

